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Derwent Title: **Treating hair, skin or nails cosmetics with near-infrared radiation before, during or after application so as to cause in situ polymerisation, crosslinking and/or polymer modification**

Original Title: **EP1116484A2: Treatment of a cosmetic with NIR-rays and its use**

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BASF AG Standard company
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Accession/Update: **2001-572459 / 200335**

IPC Code: **A61K 7/00 ; A61K 7/06 ; A61K 41/00 ; A61K 7/02 ; A61K 7/032 ; A61K 7/04 ; A61K 7/075 ; A61K 7/08 ; A61K 7/09 ; A61K 7/13 ; A61K 7/40 ; A61K 7/42 ; A61K 7/48 ; A61K 31/765 ; C08F 290/00 ; C08F 291/00 ; C08F 299/00 ; C08J 3/28 ;**

Derwent Classes: **A96; D21;**

Manual Codes: **A10-B06**(Irradiation addition (co)polymerisation) , **A10-D** (Condensation polymerisation [other]) , **A10-E10**(Chemical modification by electric discharge, ultrasonic treatment and irradiation) , **A11-C02B**(Crosslinking with irradiation) , **A12-V04**(Cosmetics, toilet requisites) , **D08-B**(Cosmetic preparations [general and others])

Derwent Abstract: **(EP1116484A) Novelty** - Treatment of a cosmetic is by near infrared (NIR)

irradiation before, during or after application of the cosmetic.






Use - The product is a cosmetic obtained by NIR irradiation (ie. as a result of in-situ polymerisation or increase in mol. wt. of a polymer or changes in its properties) and is used for treatment of the skin, hair or nails. It is especially a permanent-waving preparation, hair-lotion, -rinse, -emulsion, -conditioner, -fixer, -spray, -mousse, -gel, -growth agent or -dye, shampoo, leveller, hot oil preparation, antidandruff or anti-hair loss agent; a nail-care agent or nail lacquer; or a W/O or O/W day or night cream, eye-, face-, bleach-, vitamin- or antiwrinkle-cream, moisturiser, skin cleanser, baby-care product or decorative cosmetic (claimed).

Advantage - The dangers and lack of effectiveness associated with prior-art methods using eg UV, heat or oxidation are avoided; the NIR irradiation is unexpectedly effective with a wide range of monomers, pre-polymers and polymers

present in the formulations.

Dwg.0/0

Family:

PDF Patent	Pub. Date	Derwent Update	Pages	Language	IPC Code
 EP1116484A2 *	2001-07-18	200165	30	German	A61K 7/06
Des. States: (R) AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR					
Local apps.: EP2000000127655 Filed:2000-12-18 (2000EP-0127655)					
 US20030091602A1 =	2003-05-15	200335	18	English	A61K 7/00
Local apps.:					
 JP2001240512A2 =	2001-09-04	200165	24	English	A61K 7/00
Local apps.:					
 CN1307904A =	2001-08-15	200174		English	A61K 41/00
Local apps.: CN2001000103375 Filed:2001-01-12 (2001CN-0103375)					
 DE10000807A1 =	2001-07-19	200165	24	German	A61K 7/00
Local apps.: DE2000001000807 Filed:2000-01-12 (2000DE-1000807)					

INPADOC

Legal Status:

Show legal status actions

First Claim:

Show all claims

1. Verfahren zur Behandlung eines kosmetischen Mittels, dadurch gekennzeichnet, daß das kosmetische Mittel vor, während oder nach der Applikation mit NIR-Strahlung behandelt wird.

Priority Number:

Application Number	Filed	Original Title
DE2000001000807	2000-01-12	

Extended
Polymer Index:

Show extended polymer index

Related
Accessions:

Accession Number	Type	Derwent Update	Derwent Title
C2001-170333	C		
1 item found			

Title Terms:

TREAT HAIR SKIN NAIL COSMETIC INFRARED RADIATE AFTER APPLY SO
CAUSE SITU POLYMERISE CROSSLINK POLYMER MODIFIED

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